Most Frequently Occurring Classifications of Patents Returned
From A Search of 09690721 on July 29, 2003

Original Classifications
```
12   704/9
 5   704/4
 4   704/2
 3   704/257
 3   704/3
 3   704/7
 2   704/260
 2   704/277
 2   704/6
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Cross-Reference Classifications
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11   704/9
 8   704/2
 8   704/257
 5   704/251
 5   704/277
 3   704/254
 3   704/4
 3   715/531
 2   345/171
 2   704/231
 2   704/255
 2   704/256
 2   704/7
 2   715/532
 2   715/534
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Combined Classifications
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23   704/9
12   704/2
11   704/257
 8   704/4
 7   704/277
 5   704/251
 5   704/7
 4   704/254
 4   704/3
 3   704/231
 3   715/531
 3   715/532
 2   345/171
 2   704/1
 2   704/255
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2  704/256
2  704/260
2  704/266
2  704/268
2  704/6
2  715/534
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09690721_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returne
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From A Search of 09690721 on July 29, 2003

23 704/9   (12 OR, 11 XR)
       Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                       LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                       COMPRESSION/DECOMPRESSION
       704/1   LINGUISTICS
       704/9   .Natural language

12 704/2   (4 OR, 8 XR)
       Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                       LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                       COMPRESSION/DECOMPRESSION
       704/1   LINGUISTICS
       704/2   .Translation machine

11 704/257   (3 OR, 8 XR)
       Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                       LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                       COMPRESSION/DECOMPRESSION
       704/200   SPEECH SIGNAL PROCESSING
       704/231   .Recognition
       704/251   ..Word recognition
       704/255   ...Specialized models
       704/257   ....Natural language

 8 704/4   (5 OR, 3 XR)
       Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                       LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                       COMPRESSION/DECOMPRESSION
       704/1   LINGUISTICS
       704/2   .Translation machine
       704/4   ..Based on phrase, clause, or idiom

 7 704/277   (2 OR, 5 XR)
       Class   704 :   DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                       LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                       COMPRESSION/DECOMPRESSION
       704/200   SPEECH SIGNAL PROCESSING
       704/270   .Application

704/277   ..Translation

5 704/251   (0 OR, 5 XR)
        Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/200   SPEECH SIGNAL PROCESSING
        704/231   .Recognition
        704/251   ..Word recognition

5 704/7   (3 OR, 2 XR)
        Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/1   LINGUISTICS
        704/2   .Translation machine
        704/7   ..Storage or retrieval of data

4 704/254   (1 OR, 3 XR)
        Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/200   SPEECH SIGNAL PROCESSING
        704/231   .Recognition
        704/251   ..Word recognition
        704/254   ...Subportions

4 704/3   (3 OR, 1 XR)
        Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/1   LINGUISTICS
        704/2   .Translation machine
        704/3   ..Having particular Input/Output device

3 704/231   (1 OR, 2 XR)
        Class   704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/200   SPEECH SIGNAL PROCESSING
        704/231   .Recognition

3 715/531   (0 OR, 3 XR)

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          Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                         DOCUMENT
          715/530        EDIT, COMPOSITION, OR STORAGE CONTROL
          715/531        .Text

   3  715/532        (1 OR, 2 XR)
          Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                         DOCUMENT
          715/530        EDIT, COMPOSITION, OR STORAGE CONTROL
          715/531        .Text
          715/532        ..Dictionary

   2  345/171        (0 OR, 2 XR)
          Class   345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                         INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                         SYSTEMS
          345/156        DISPLAY PERIPHERAL INTERFACE INPUT DEVICE
          345/168        .Including keyboard
          345/171        ..Having foreign language capability (e.g.,
                         Japanese, Chinese)

   2  704/1          (1 OR, 1 XR)
          Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                         LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                         COMPRESSION/DECOMPRESSION
          704/1          LINGUISTICS

   2  704/255        (0 OR, 2 XR)
          Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                         LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                         COMPRESSION/DECOMPRESSION
          704/200        SPEECH SIGNAL PROCESSING
          704/231        .Recognition
          704/251        ..Word recognition
          704/255        ...Specialized models

   2  704/256        (0 OR, 2 XR)
          Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                         LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                         COMPRESSION/DECOMPRESSION
          704/200        SPEECH SIGNAL PROCESSING
          704/231        .Recognition
          704/251        ..Word recognition
          704/255        ...Specialized models
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        704/256        ....Markov

2  704/260        (2 OR,  0 XR)
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/200        SPEECH SIGNAL PROCESSING
        704/258        .Synthesis
        704/260        ..Image to speech

2  704/266        (1 OR,  1 XR)
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/200        SPEECH SIGNAL PROCESSING
        704/258        .Synthesis
        704/266        ..Specialized model

2  704/268        (1 OR,  1 XR)
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/200        SPEECH SIGNAL PROCESSING
        704/258        .Synthesis
        704/268        ..Frequency element

2  704/6          (2 OR,  0 XR)
        Class   704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                        LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

                        COMPRESSION/DECOMPRESSION
        704/1          LINGUISTICS
        704/2          .Translation machine
        704/6          ..Punctuation

2  715/534        (0 OR,  2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                        DOCUMENT
        715/530        EDIT, COMPOSITION, OR STORAGE CONTROL
        715/531        .Text
        715/534        ..Input of abbreviated word form
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